

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2020/152131 A1

(43) International Publication Date
30 July 2020 (30.07.2020)

(51) International Patent Classification:

A61K 31/05 (2006.01) A61P 3/04 (2006.01)
A61K 36/63 (2006.01)

(21) International Application Number:

PCT/EP2020/051345

(22) International Filing Date:

21 January 2020 (21.01.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

19153612.7 24 January 2019 (24.01.2019) EP
20386001.0 07 January 2020 (07.01.2020) EP

(71) Applicant: IOULIA AND IRENE TSETI PHARMA-
CEUTICAL LABORATORIES S.A. [GR/GR]; Kalyftaki
27, 145 64 Kifissia, Attica (GR).

(72) Inventor; and

(71) Applicant: TSETI, Ioulia [GR/GR]; 13 Pavlou Mela Str.,
145 61 Kifissia, Attica (GR).

(74) Agent: WIBBELMANN, Jobst; WUESTHOFF &
WUESTHOFF Patentanwälte PartG mbB, Schweiger-
strasse 2, 81541 München (DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: OLIVE FRUIT EXTRACT SUITABLE FOR REDUCING BODY-MASS INDEX AND VISCERAL FAT IN OVER-
WEIGHT SUBJECTS

(57) Abstract: The present invention concerns the use of olive fruit extract in the reduction of body- mass index and visceral fat in
overweight subjects. A study has, in particular, shown that with the administration of an olive fruit extract with a daily dose of at least
10 mg hydroxytyrosol, the body-mass index and visceral fat can be reduced in overweight subjects, in particular women.



WO 2020/152131 A1